

# Eastern Arizona Amateur Radio Society

EST. 1974

[www.eaars.com](http://www.eaars.com)

INC.



[facebook.com/groups/eaars](https://facebook.com/groups/eaars)

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



*March, 2023*

## JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN.

To reach the page, please visit **facebook.**

**com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



## EAARS Open Repeaters

**PL 141.3** unless noted otherwise

**Echolink:** 614350 **IRLP:** 7787

**Heliograph Peak at Safford, AZ:**

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

**Jacks Peak at Silver City, NM:**

145.210 Linked

**West Peak at Ft Thomas, AZ:**

145.350 Access to link to network

**Pinal Peak at Globe, AZ:**

145.410 Linked

**South Mt at Alpine, AZ:**

145.270 Linked

**Caballo Mt at TorC, NM:**

145.470 Linked

**Greens Peak at Show Low, AZ**

146.700 Linked

**Little Florida at Deming, NM:**

147.060 Linked

**Mule Mt at Bisbee, AZ:**

147.080 Linked

**Mt Lemmon at Tucson, AZ**

147.160 Linked

**Guthrie Peak at Clifton, AZ:**

147.280 Linked

**Downtown at Tucson, AZ**

147.28 Output

146.26 Input, **PL 127.3**

# Gals on the Air!

**EST. June 2015**

Calling all Gals of any class ... Join us every Monday night for the  
**Gals Night Net @ 7:30 pm (AZ) on the EAARS system!**

**Facebook.com/groups/galsnightnet**

## Upcoming Events

*Would You like to see your event posted for the membership to see?  
Email your information to [emberfire@cox.net](mailto:emberfire@cox.net).*

**2023**

*The Amateur Radio Council of Arizona (ARCA) and the Repeater Owners  
spring meetings previously scheduled for the Scottsdale Hamfest on  
March 18th have been rescheduled to the DeVry Hamfest on April 8th.*

RST Tucson Hamfest . . . . . Mar 25th  
Cochise Hamfest - Sierra Vista . . . . . May 6th

**Clubs, send me the events you would like shown here.**

### WEEKLY EAARS' NETS

**Every day:**

Down Under Net - 4:15 am

Weather Net - 5:30 am

NTS Traffic Net - 6:30 pm

All times are noted on Arizona  
time.

**Sunday:**

EAARS Net - 7:00 pm

**Monday:**

Gals Night Net - 7:30 pm

**Wednesday:**

Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm,

Off Season, every third Wednesday of month at 7:30 pm

**Saturday:**

ERC (Emergency Response Communications) Net - 8:00 am, 2nd  
Saturday of the month (20-25 min duration)



# EAARS Officers and Staff

## Board Officers

President	Dan Quaintance	AF7EF
Vice President	Joe Montierth	K7JEM
Secretary/Treasurer	Larry Griggs	N5BG

## Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

## Net Control Operators

Rick	W8YBM	1st Sunday
Larry	KG7VLN	2nd Sunday
Angie	N7EMB	3rd Sunday
Chris	N7JND	4th Sunday

## ARRL RADIO CONTESTS

**March 2023**

4-5 International DX- Phone

For details on all ARRL contests and for non-ARRL contests,  
visit <http://www.arrl.org/contest-calendar>

## New EAARS Members!

Big	KK7KCK
Richard	KI5YYH
Johnny	AI7MV
Bryan	N3BW
Michael	AA7WI
Dan	KBOVIU

*Welcome*  
**HOME**

# EAARS Sunday Night Net

Every Sunday evening at 7pm Arizona time, the EAARS Sunday Night Net takes to the air. Although the net calls on the members of EAARS, we also welcome guests to the net. The net runs the traditional roster of those who check in regularly week after week and are a member of EAARS.

There are four Net Control Operators that run the net every week. Those NCS's are...

**Rick Gurk - WSYBM - Show Low - Week 1**

**Larry Witte - KG7VLN - Sierra Vista - Week 2**

**Chris Buchanan - N7JND - Tucson - Week 3**

**Angie Buchanan - N7EMB - Tucson - Week 4**

We would like to give a big THANK YOU to the above Net Control Operators who once a month, donates an hour of their time to call the EAARS Sunday Night Net. Thank You All.

The net is ran with the current format:

Open The Net at 7pm

Reads the Preamble

Call for announcements.

Check if any EAARS officers listening.

Run the Roster of regular EAARS members.

Call for EAARS members who checked in the previous week not on the roster.

Call for additional EAARS members.

Call for any guests that are listening.

Call for additional comments.

Close the net.

The above format is used because it works. Many clubs use this format or one similar.

If you are checking in for the first time, give us your name, your call sign, location, and any comments you would like to share. We enjoy hearing about your Ham Projects and what's going on.

The EAARS Sunday Night Net occurs every Sunday at 7pm, AZ time. All are welcomed. Hear you on the air!

73,

Chris N7JND

EAARS Net Manager



# Facebook Update

The EAARS Facebook page is really growing! As of this writing, the EAARS Facebook page has 311 members. All members of the page, are Hams! You do not need to be a member of EAARS to join the Facebook page, but you must be a licensed Ham.

EAARS supports both a website and a Facebook page. We understand that everyone is not on Facebook, so the EAARS website at **eaars.com** provides a great deal of information about EAARS and the repeater system.

If you are a member of the EAARS Facebook page, you know there's a lot of information there, including a great selection of files in the file section. This includes maps and other EAARS related information. Of course, traditional message exchanging takes place daily. It's often that questions are asked and answered. We see Hams uploading great cartoons related to our hobby. Upcoming events are always welcome, as well as information on upcoming Hamfests.

If are not a member of the page, you can join the group at **facebook.com/groups/eaars**. You will need to input some information such as, call sign, which is verified prior to access being granted. Feel free to join today.

If you have something for sale, the EAARS Facebook page is a great place to list the item(s). Item will be shown to all members of the group.

The EAARS Facebook page was started a few years back when extra points were given during Field Day. By creating a page, the club would earn the extra points. From that day, the page took off and Hams started requesting access. As stated above, there are 311 members on the page. That's a great number of Hams that gather and talk about Ham Radio and everything it has to offer.

Feel free to jump in there and say HI or start a discussion about whatever Ham related topic you would like to talk about. It's fun and great conversations will always be there.

73,  
Chris N7JND



# The University of Arizona Amateur Radio Club - K7UAZ

As a member of the U of A Ham Radio Club, I have always been fascinated with what this club has to offer students of the U of A and also the community which has always been part of this great club. If you are familiar with the U of A Ham Club, you no doubt, have visited their Ham Shack in the old engineering building on the U of A campus. The building is located on the northeast corner of Old Main. You can't miss the antennas that reach out from the top of the Old Engineering Building. Just look up.

Sarah Li - K7SLI, who is the current president of the club, keeps this club active in the Tucson area. The club promotes the hobby of Ham Radio by setting up their tent at events happening on the mall. The club participates in many Ham Radio contests including Field Day and special college contests and many more.

Many times, you will see the club members on the roof working on antenna projects. The club recently had gone through some major antenna upgrades, along with shack upgrades. The shack is located on the 3rd floor of the building with a window looking out towards the west. They promote Shack Nights where members gather and talk Ham Radio and do projects in the shack. It may be educating members on basics, like learning to solder or simply playing radio.

The shack also houses the U of A VHF FM repeater which can be found on 146.96 -600 with a tone of 127.3. Their Echolink node number is 363148. Tune in and say HI.

More information on the U of A Ham Radio Club, can be found at... **[k7uaz.com](http://k7uaz.com)**

K7UAZ members had a fun time learning about the club's HF station and satellite station at Shack Night! Members also got a chance to compete in the 2023 NA Collegiate Championship for SSB!





# **Introduction To Vanity Call Signs**

## **W5TI – VEC**

**<https://www.w5yi-vec.org/index.php/introduction-to-vanity-call-signs>**

A first time licensed Technician Class amateur initially receives a sequentially issued 2-by-3 format station call sign. 2-by-3 means the call sign has two prefix letters, one numeral and three suffix letters ...such as KA7XXX. You don't get to choose the call sign.

Once you have been assigned a call sign you can trade it in for a specific 1-by-3 format call sign meaning one letter, either K, N or W, one numeral - zero through nine and three suffix letters of your choosing under the new Vanity Call Sign System. A few "N" calls are available.

Technicians and General Class amateurs also may select a new 1-by-3 call sign. (Read the Vanity call sign Frequently Asked Questions at the above website.)

A very good Vanity call sign search resource is RadioQTH.Net located at: [www.radioqth.net](http://www.radioqth.net). This website lists immediately available, soon to be available call signs and predicts filing winners based on filed applications for any given call sign. We can do all the research for you ! Just provide us with the calls that are acceptable to you on your application and we will contact you with what is actually available for assignment based on your class of license.

Advanced Class and Extra Class amateurs qualify for even shorter call signs. Advanced can choose any available 2-by-2 call sign beginning with KA-KZ, NA-NZ or WA-WZ. Extra Class qualify for available 1-by-2, 2-by-1 and 2-by-2 call signs beginning with AA-AK. (Read the Vanity call sign Frequently Asked Questions.)

Let your call sign lapse and lost your call sign during the last 2 years? If your old call sign has not been re-issued, the chances are good that you can get it back ! And we may be able to document that you did indeed hold a particular call sign if you do not have evidence. (Read the Vanity call sign Frequently Asked Questions.)

We can help! Anyone can change their call sign at any time. The format of the call sign you qualify for is determined by your license class. The higher your license class, the shorter the call sign you are able to obtain. (Read the Vanity call sign Frequently Asked Questions.)



# RST

Radio  
Society of Tucson

## TUCSON AREA SPRING HAMFEST

Saturday March 25<sup>th</sup> 2023

7 AM – 11 AM

Buyers - Free Admission & Parking

Sellers - Shaded Parking

Seller Setup Starting at 6 AM



Talk-In  
147.00/147.40  
110.9 PL

**Calvary Tucson Church**  
**8711 East Speedway in Tucson**

Morning Snacks  
By Scout Troop  
157 and Pack 706

Seller/vendor spaces - \$10/parking space.

### RAFFLE

Tickets: \$2 each, 3 for \$5, 7 for \$10, 15 for \$20, and 40 for \$40.

Need not be present to win.

Online Raffle Ticket Sales: [www.k7rst.org](http://www.k7rst.org)

### Raffle Prizes

Yaesu FT-991A HF/VHF/UHF Transceiver

MFJ-998RT Remote Antenna Tuner (USA)

Yaesu FTM-100D Dual Band Digital

TYT THS800RI PS30M Quad Bander

Comet CN901HP HF SWR Meter

Comet CN901VN VHF/UHF SWR Meter

Map and information: <http://www.k7rst.org>

Sponsored by the

### Oro Valley Amateur Radio Club

This class will prepare you to take the FCC entry-level amateur radio license examination. After the class, American Radio Relay League certified examiners will administer your test. Soon after you will be on the air!

**When:** Tuesdays commencing April 4, 2023, and ending on May 9, 2023. Each meeting is from 6:00 PM to 9:00 PM.

**Where:** Pima Community College, 7600 North Shannon Road. Handicap parking and elevators available. A map will be provided.

**Class Fees:** \$26. After the class, the ARRL examination fee is \$15.

**Required Course Book:** The ARRL Ham Radio License Manual. The ISBN is 978-1625951557. The book may be purchased from [Amazon.com](https://www.amazon.com).

**Enrollment:** To enroll in the course contact [licensing@tucsonhamradio.org](mailto:licensing@tucsonhamradio.org). Provide your name and contact information.

*To be successful in the course, you will need to read and study outside of class hours.*

For more information and directions to the class go to our website: <https://www.tucsonhamradio.org/tech-license-classes>

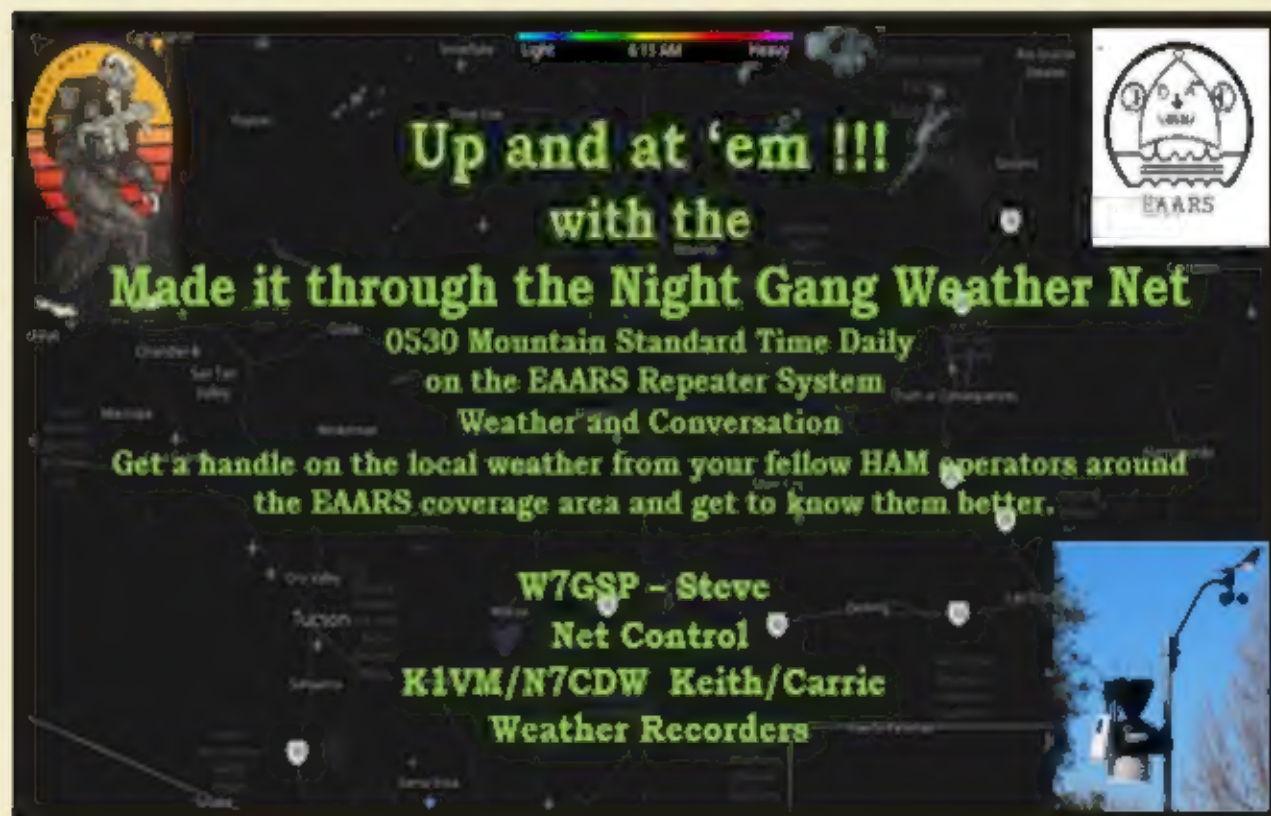


# Other Club Stuff

***From Diane AA3OF: RST VE Testing will be held at Immanuel Presbyterian Church, Witherspoon Hall, 9252 E 22nd St, at 7pm.***

<b>2023</b>	March 13	Apr 10	July 10	Oct 9
		May 8	Aug 14	Nov 13
		June 12	Sep 11	Dec 11

**If you live in the Graham or Greenlee County and are interested in a VE Testing Session, please feel free to contact Dan Quaintance AF7EF, (928) 235-1152.**



**Up and at 'em !!!**  
**with the**  
**Made it through the Night Gang Weather Net**  
**0530 Mountain Standard Time Daily**  
**on the EAARS Repeater System**  
**Weather and Conversation**  
**Get a handle on the local weather from your fellow HAM operators around**  
**the EAARS coverage area and get to know them better.**

**W7GSP - Steve**  
**Net Control**  
**K1VM/N7CDW Keith/Carrie**  
**Weather Recorders**

**Do you have any club news to share? It can be posted on this page.  
Send your info to Angie - [emberfire@cox.net](mailto:emberfire@cox.net).**

Cooking up  
Some Magic



## Black Pepper Beef and Cabbage Stir-Fry

*Maybe a good recipe for  
a St Patrick meal?*

### Ingredients

2 tablespoons vegetable oil  
4 cloves garlic, chopped  
½ pound ground beef  
½ small head cabbage, shredded  
1 red bell pepper, cut into strips  
2 tablespoons soy sauce  
1 teaspoon cornstarch  
½ cup cold water  
1 teaspoon ground black pepper, or to taste  
1 pinch salt, to taste



*Courtesy of allrecipes*

*Prep Time: 15 mins  
Cook Time: 15 mins  
Total Time: 30 mins  
Servings: 4*

### Directions

Heat a wok or large skillet over medium-high heat, and add oil. Saute garlic for about 5 seconds, then add ground beef. Stir-fry until beef is evenly brown, 5 to 7 minutes; drain excess fat.

Stir in cabbage and pepper, and cook until vegetables are tender and beef is fully cooked. Stir in soy sauce. Mix together cornstarch and water, and stir in. Season with pepper; add salt to taste. Cook, stirring, until sauce has thickened.



**Happy St Patrick's Day!**

kiss the  
**cook**